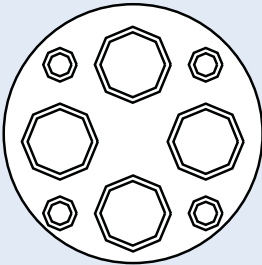


Technical Characteristics

Material & Finishes

Shell	Aluminium, brass
Shell plating	chemical nickel-plated
Inserts	PA
Contacts	brass, CuBe
Contact plating	gold-plated and silver-plated
Sealing	FKM, NBR
Storage conditions	-40°C to +70°C / humidity min. 40%

Electrical

<p>Size 3 Data based on DIN EN 61984</p>		
Number of ways x contact diameter [mm]	4 x 10	4 x 1.6
Crimp termination cross section [mm ²] Crimp termination cross section [AWG]	10 - 50 8 - 1/0	0.5/0.75 - 1.5 20/18 - 16
Nominal current* [A] @ environmental temperature 50°C / 122°F @ environmental temperature 20°C / 68°F	150 165	15 15
* Assembly: receptacle/extension 50mm ² , plug 50mm ²		
Max. operating voltage [Vrms]	630	125
Contact resistance [mΩ]	< 1	< 3
Insulation resistance [Ωcm]	10 ¹³	10 ¹³

Physical & Environmental

Operating temperature range	-40°C to +125°C (UL version: -40°C to +110°C)
Environmental level	IP67 (mated)
Contamination level	2 (unmated), 3 (mated)
Installation altitude	up to 4000 m
Overvoltage category	III
Fire & Smoke	UL94-V0
RoHS	Compliant